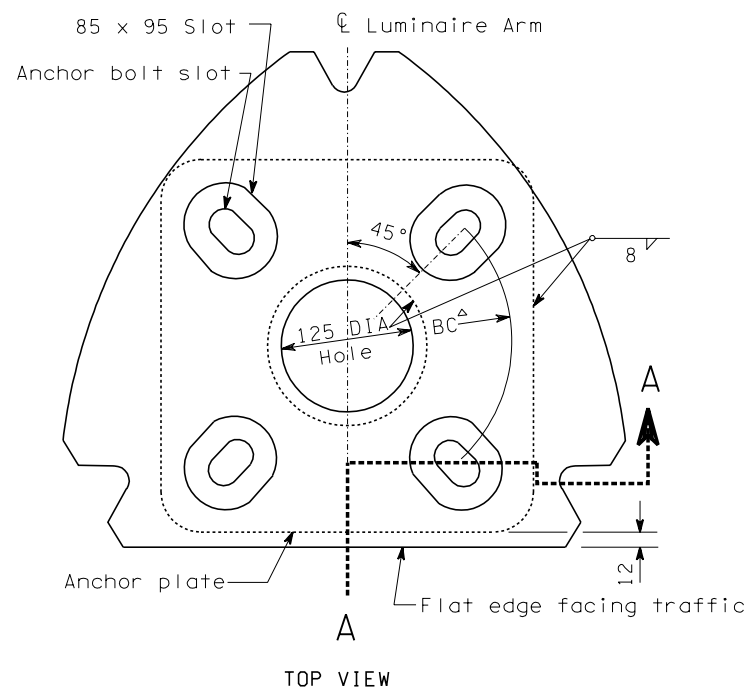


BOTTOM VIEW

PLAN - TOP SLIP PLATE

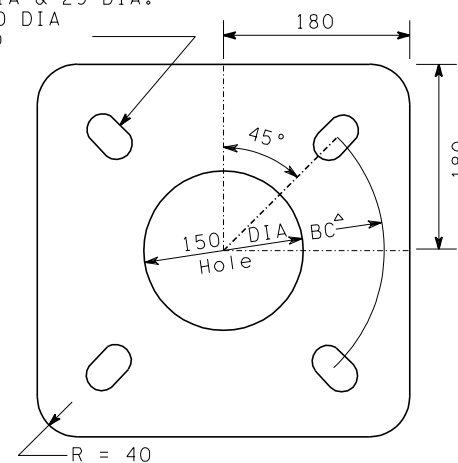
KEEPER PLATE

Anchor Bolt Slot - See Note 1  
30 x 50 For 25 DIA & 29 DIA.  
Or 40 x 55 For 30 DIA  
(See Slot Detail)

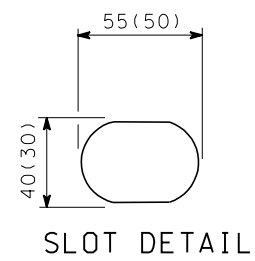


TOP VIEW

PLAN - BOTTOM SLIP PLATE



ANCHOR PLATE

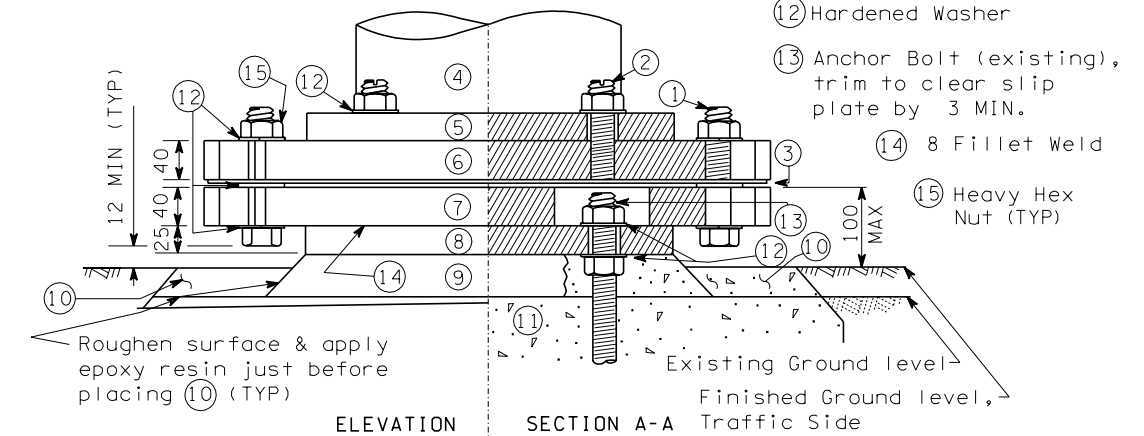


SLOT DETAIL

NOTE:  
Plate shall conform to AASHTO M183 M (ASTM A36) except as noted.  
Flat washer shall conform to AASHTO M164 M (ASTM A325).

## KEY

- ① Clamping Bolts, 22 DIA hex head bolt & nut, three plate washers, 70 N-M torque. (Three per slip base)
- ② Threaded Slotted Stud, see SCHEDULE for DIA, hardened washer and heavy hex nut (four per base plate). Insert stud and center punch at bottom periphery to lock tapped stud in place prior to galvanizing.
- ③ Keeper Plate
- ④ Pole Wall (existing)
- ⑤ Base Plate (existing)
- ⑥ Top Slip Plate
- ⑦ Bottom Slip Plate
- ⑧ Anchor Plate
- ⑨ Grout (exist. w/drain)
- ⑩ New Grout Pad
- ⑪ Foundation (existing)
- ⑫ Hardened Washer
- ⑬ Anchor Bolt (existing), trim to clear slip plate by 3 MIN.
- ⑭ 8 Fillet Weld
- ⑮ Heavy Hex Nut (TYP)



## ASSEMBLY DETAILS

After bolting bottom slip plate assembly to foundation, fill slotted bolt holes with mastic.

Grade around foundation to ensure stub height does not exceed 100.

Removal of the frangible base from the existing base plate is required.

Misaligned anchor bolts must be removed and replaced.

ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS OTHERWISE NOTED



EXPIRES JANUARY 17, 1999

## SLIP BASE ADAPTOR FOR 4-BOLT LIGHT STANDARD BASE STANDARD PLAN J-1c

SCHEDULE				
Adapter Type	Anchor Bolt*	BC*(Bolt Circle)*	Existing Base Type	Luminaire Height ‡
A-1	M24	280	Welded Plate	9.1
A-2	M24	310	Cast Aluminum	9.1
A-3	M24	325	Steel Transformer	9.1
A-4	M27	360	2-Pc. Alum. Clamp	12.2
A-5	M30	360	2-Pc. Alum. Clamp	12.2

\* Use matching diameter for threaded studs

+ Contractor shall verify BC in field before ordering. If BC or anchor bolt sizes differ from those listed, contact Bridge and Structures Office.

‡ Plus or minus 760

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

APPROVED FOR PUBLICATION

Clifford E. Mansfield

4/24/98

DEPUTY STATE DESIGN ENGINEER

DATE



WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
OLYMPIA, WASHINGTON